

| | Hits | Search Text | DBs |
|----|-------|---|-----------------|
| 13 | 54 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) | USPAT; US-PGPUB |
| 14 | 168 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) | USPAT; US-PGPUB |
| 15 | 73 | ((shift adj4 registe\$3) with (storage latch) with (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) | USPAT; US-PGPUB |
| 16 | 16827 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS. | USPAT; US-PGPUB |
| 17 | 30 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and (divid\$4 with scan with peri\$4) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
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| 10 | 3 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) not (((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) | USPAT; US-PGPUB |
| 11 | 19 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4))) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) | USPAT; US-PGPUB |
| 12 | 102 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4))) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|---|-------|--|-------------------------------|
| 1 | 6258 | ((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS. | USPAT; US-PGPUB |
| 2 | 302 | ((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) | USPAT; US-PGPUB |
| 3 | 27 | ((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) | USPAT; US-PGPUB |
| 4 | 52 | ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) | USPAT; US-PGPUB |
| 5 | 2 | ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) | EPO; JPO; DERWENT; IBM_TDB |
| 6 | 16827 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS. | USPAT; US-PGPUB |
| 7 | 30 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
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| 8 | 27 | (((((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) | USPAT; US-PGPUB |
| 9 | 0 | (((((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) not (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3)))) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|-------|--|-----------------|
| 18 | 16975 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,99,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS. | USPAT; US-PGPUB |
| 19 | 2195 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,99,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and ((multipl\$3 adj4 shift adj3 registe\$4) latch\$4 (DAC D/A)) | USPAT; US-PGPUB |
| 20 | 28 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,99,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and ((multipl\$3 adj4 shift adj3 registe\$4) | USPAT; US-PGPUB |
| 21 | 6 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,99,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and ((multipl\$3 adj shift adj registe\$4) | USPAT; US-PGPUB |
| 22 | 5 | ((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,99,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)). CCLS.) and multipl\$3 adj latch\$4 | USPAT; US-PGPUB |
| 23 | 0 | multipl\$3 adj (shift adj registe\$4 with latch\$4) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
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| 24 | 156 | multipl\$3 adj shift adj registe\$4 | USPAT; US-PGPUB |
| 25 | 303 | (((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) | USPAT; US-PGPUB |
| 26 | 3 | ((((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and (RGB adj5 shift adj5 regist\$6) | USPAT; US-PGPUB |
| 27 | 103 | (((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) | USPAT; US-PGPUB |
| 28 | 1 | ((((345/30,39,42-43,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103,66,65,59,344,336,347,298,350,345,64,578,204,351,354,752) or (313/504,506) or (438/151,486,150,535,162,154,27,550,479,307,163,486,297,549,505,638,692,916,160,308,701,155,142,149,164,485,487)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4))) and (RGB adj5 shift adj5 regist\$6) | USPAT; US-PGPUB |
| 29 | 168 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
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| 30 | 2 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4))) and (RGB adj5 shift adj5 regist\$6) | USPAT; US-PGPUB |
| 31 | 1 | ((((345/30,50-51,54-55,64,84,87-90,92,96,98,100,103-104) or (257/40,70,103) or (313/504,506)).CCLS.) and ((signal data) adj3 lin\$2 adj5 drive\$3 adj4 circui\$3)) and (RGB adj5 latch\$4) | USPAT; US-PGPUB |
| 32 | 1 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) and (lamp near6 converter) | USPAT; US-PGPUB |
| 33 | 58 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) and lamp | USPAT; US-PGPUB |
| 34 | 149 | lamp near6 (D/A DAC (digital adj3 analog adj3 convert\$3)) | USPAT; US-PGPUB |
| 35 | 2 | lamp adj (D/A DAC (digital adj3 analog adj3 convert\$3)) | USPAT; US-PGPUB |
| 36 | 2 | lamp near (D/A DAC (digital adj3 analog adj3 convert\$3)) | USPAT; US-PGPUB |
| 37 | 40 | lamp near2 (D/A DAC (digital adj3 analog adj3 convert\$3)) | USPAT; US-PGPUB |
| 38 | 0 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) and (lamp near6 converter) | EPO; JPO; DERWENT; IBM_TDB |
| 39 | 0 | ((shift adj4 registe\$3) same (storage latch) same (D/A DAC (digital adj3 analog adj3 convert\$3))) and (analog adj5 switc\$4 (divid\$4 adj6 scan adj2 peri\$4)) and lamp | EPO; JPO; DERWENT; IBM_TDB |
| 40 | 0 | (bit near2 comparison near2 pulse near2 width near2 converter) and (analog adj switch) | EPO; JPO; DERWENT; IBM_TDB |
| 41 | 2 | ((bit adj comparison) near5 (pulse near2 width near2 converter)) and (analog adj switch) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
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| 42 | 2 | (bit near2 comparison near2 pulse near2 width near2 converter) and (analog adj switch) | USPAT; US-PGPUB |
| 43 | 2 | ((bit adj comparison) same (pulse near2 width near2 converter)) and (analog adj switch) | USPAT; US-PGPUB |
| 44 | 2 | ((bit adj comparison) same (pulse near2 width near2 converter)) and (analog adj switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 45 | 3 | ((bit near5 comparison) same (pulse near8 width near8 converter)) and (analog near8 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 46 | 3 | ((bit near5 comparison) same (pulse near8 width near8 converter)) and (analog near8 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 47 | 11 | ((bit near5 comparison) and (pulse near8 width near8 converter)) and (analog near8 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 48 | 4 | ((bit near5 comparison) and (pulse near8 width near8 converter)) and (analog adj switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 49 | 4 | ((bit near5 comparison) and (pulse near8 width near8 converter)) and (analog near2 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 50 | 4 | ((bit near5 comparison) and (pulse near8 width near8 converter)) and (analog adj3 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 51 | 0 | 4636773.pn. and (analog adj4 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 52 | 1 | 4636773.pn. and (switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 53 | 1 | 6118798.pn. and (analog adj5 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 54 | 0 | 6118798.pn. and (analog adj2 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 55 | 0 | 5589847.pn. and (analog adj2 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 56 | 2 | 5589847.pn. and (switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 57 | 11 | (LCD and DAC and (analog adj switch)) and PWM | USPAT |

| | Hits | Search Text | DBs |
|----|------|---|---|
| 58 | 0 | (LCD and DAC and (analog adj switch)) and ((bit near5 comparison) and (pulse near8 width near8 converter)) and (analog near8 switch) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 59 | 0 | (LCD and DAC and (analog adj switch)) and ((bit near5 comparison) and (pulse near8 width near8 converter)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 60 | 95 | LCD and DAC and (analog adj switch) | USPAT |